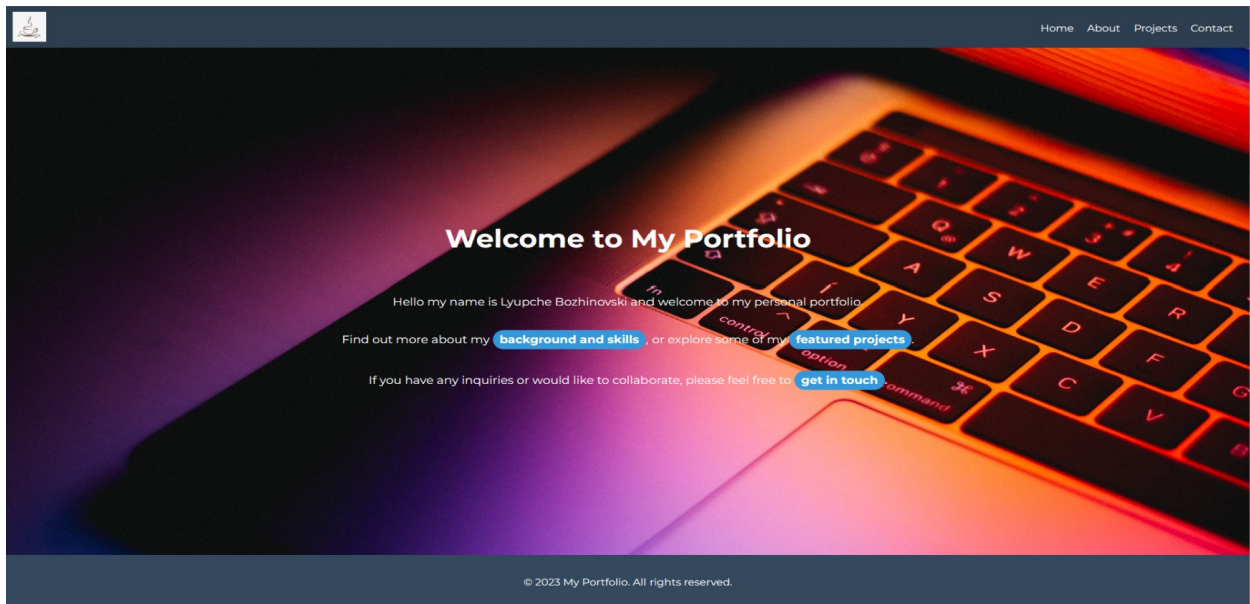# Web designer portfolio Milestone 1

This web designers basic portfolio is designed to market the owner's skills contact and experience in an easy and simple website access. It's a design to reflect the owners skill and approach to clients.
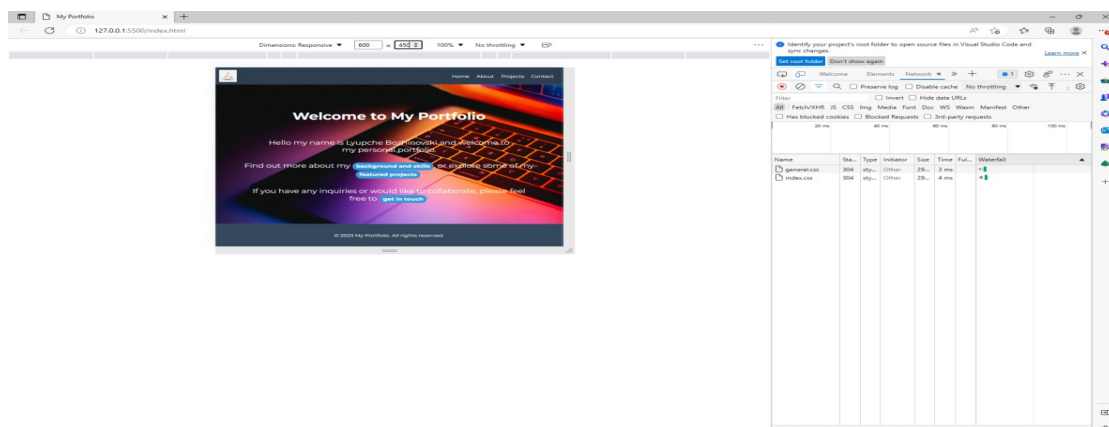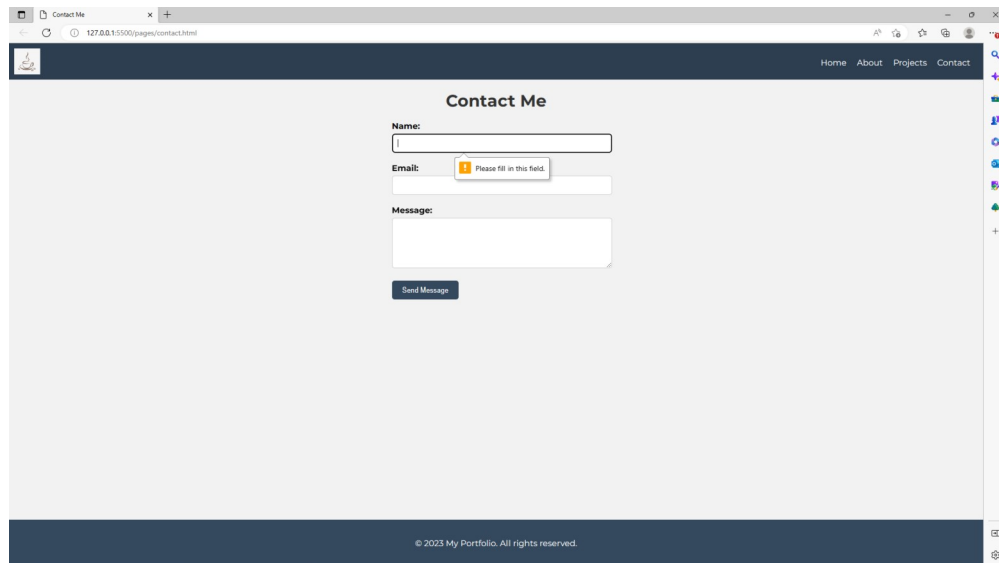


## User Experience

Project goals

The basic goal of this website is to present a portfolio of the owner.

- It allows the user to get informed of the business capabilities of the owner.
- It allows the user to get a basic understanding of the owners past project.
- It enables a way to reach out/contact the owner of the web designer portfolio.
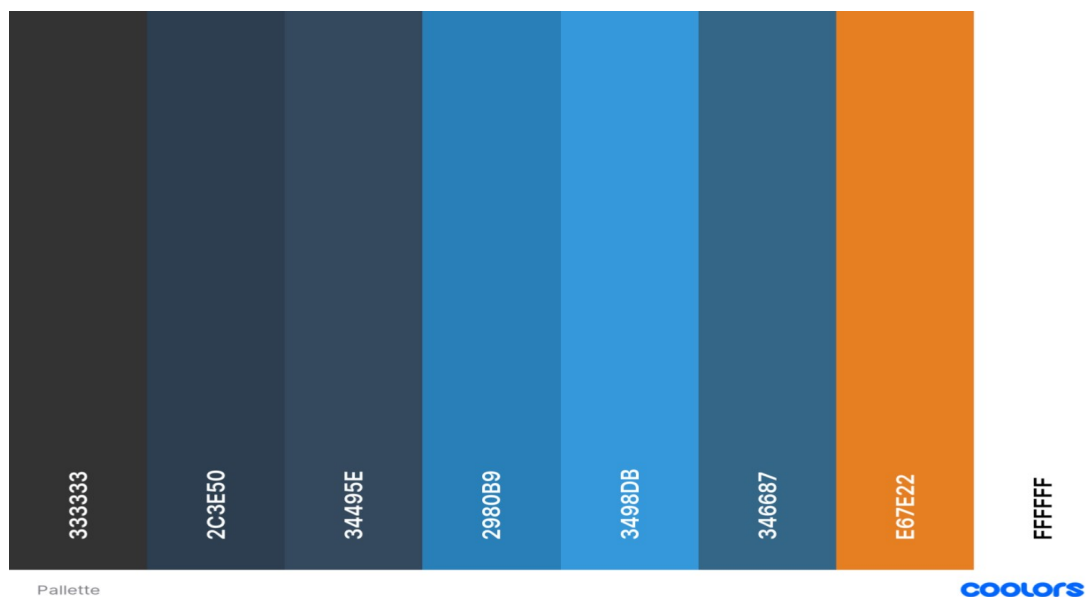
Developer and Business goals

- The goal for the developer would be making the site more accessible by intentionally employing simplified design.
- It also provides accessibility features like image description and responsive design.
- Business goal would be the option for the user to contact the owner in order to employ his services.



# Design

## Colour Scheme

The colour scheme for the web designer portfolio is mainly gray/blueish tint with plain white to contrast it.

- Header (navbar) uses a gray/blue(`2c3e50`) for a simple menu colouring.
- The footer uses a contrast of gray/blue(`34495e`) same as the hover on the navbar.
- background colour and white(`fff`)
  text for contrast.
- Index page has links in the short introduction that have blue(`3498db`) background colour and an orange(`e67e22`) shade for hover option.
- Forgot to include in the pallette that the body uses an off white(`f2f2f2`) for text throughout the page.

## Typography

Google Fonts was used to link the fonts for my website (Montserrat) in particular. It provides a simple and professional look all throughout the website

## Icons and Images

- Photo on the about page is a personal portrait of me ^_^
- The image on the background is from google.com/images with edited margins to fit the theme of the intro page.
- The coffee icon is also an image from google.com/images but resized to icon dimensions.

## Accessibility

In this website ive considered my limitations and the limitations towards the website in order to make it as accessible as I can possibly.

- As I mentioned above I gave the images descriptions for the people with bad connection or screen reader users. (`<img src="assets/coffee-cup.png" alt="Logo" />`)
- 
- I also implemented a sans-serif font as a fallback font in case of Montserrat failing to load. body {`font-family: 'Montserrat', sans-serif;`

# Wireframes

For this particular project I did not design a wireframe initially on a separate medium/paper. Instead:

- Initially I designed the navbar to the left side of the hero page in order to allow the hero page to quickly scroll up/down, however that was scrapped into the current top right navbar.
- I tried to contain the same theme by manipulating paddings and margins of the elements to ensure consistency however that was quite problematic, which also reflected in the responsiveness of the site:
- Initially I made a media query to make sure the site has dimensions scaling throughout all devices however, possibly due to using px value for said scaling it made massive issues in the forms of elements being rearranged asymmetrically with the paddings and margins conflicting with said query. Ultimately I input a media query making the website responsive to smaller phone screens using an average max width screen size of 768px (I researched online in order to determine the average using plenty of sites).
- The same issues were encountered specifically on the Index, About and Contact page, oddly enough Projects worked fine and I couldn't troubleshoot why was that.

# Languages Used

- HTML and CSS were used in creating this milestone project. I wanted to use Bootstrap for some elements but I decided otherwise into exclusively using CSS and no particular frameworks(Jquery, Bootstrap etc.)
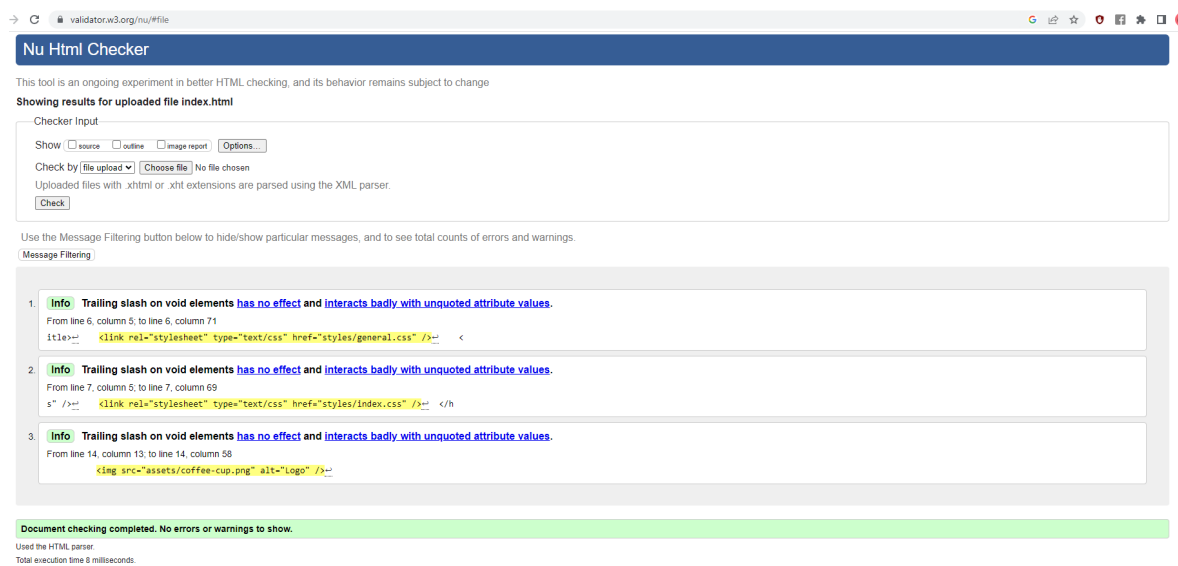
# Frameworks, Libraries and Programs Used

- Initially Sublime for my first 2 scrapped ides but eventually ended up using Visual Studios as it provided much more versatile creativity and helpful tools/plugins like the Live Server which enabled a quite creative and technical perspective especially with Dev Tools option.
- Github was used for repository of this project.
- Google Fonts was used for the import of the websites font.
- Notepad/Libre Writer was used to create the README file.
- W3C HTML and Jigsaw validators were used to automatically test the website.

# Testing

## W3C HTML Validator

I Tested every HTML page in this website and they all had the same result like the photo bellow apart from Contact.html

- W3C HTML tests went without any hitches except for a warning that I forgot to document in screenshot:
- Contact.html line 29 was a section element and the validator asked of me to use Div instead in order to be able to validate it (`<div class="contact-section">`) I made the change and it alongside the rest it went without any problems whatsoever.

# W3C CSS Validator

- I tested every CSS style files and it came back with a 0 Error result
- There was however one warning concerning the @import in the general.css that imports the font from Google Fonts:
- The warning states that it cant validate it due to it being @import element instead of link, however its not an error and it works fine as I tested it (stated bellow in Manual Testing)

# Manual Testing

- I did a plethora of manual testing many of which involved responsiveness:
- I tested the responsiveness using the Dev Tools from Live server (see photo on page 1)by changing the width/height value to make sure it works properly, and I also tested it manually by changing the window size myself
- I also used the Dev Tools Network tab section in order to make sure that the import of Montserrat font is loaded which gave a value of 200ok meaning its loading fine and not falling back to sans-serif
- Tested the Contact forms manually to make sure they require all forms filled out with the proper information (email, phone number etc.)
- Finally I made sure the links work fine and they open in new tabs to fill criteria and other bits like hovers, yt link etc.

# Credits

- Stack overflow for helping me troubleshoot and inform myself in terms of code issues. In particular font/margin/padding issues
- W3C school that helped me test and also troubleshoot/inform for possible issues
- My best friend @Jovan Vuckov for guiding me in the initial stages of the html and css building (senior developer lvl)
- Chat GPT for explaining on how to properly network test the page specifically for the font being loaded in this manner, I had issues understanding of how to use Dev Tools as its quite complex and convoluted and GPT Guided me towards it. I do not like using it as it feels like cheating but it helped me greatly in testing this matter.

# Text

- Most of my text was written by me, with exclusion of certain help from my senior developer friend as he guided me in troubleshooting issues like paddings and form edits.
- There was 1 line text written by chat GPT concerning the import of font as I wanted a quick import instead of searching for a font manually on platforms like Google font.

# Acknowledgements

- I would like to acknowledge my friend Jovan as he guided me and supported me towards finalizing this project in quite a timely manner.
- I would like to acknowledge Code Institute for helping me greatly to keep pushing my limits and options

- I would greatly like to thank Robert Mclaughlin for supporting me efficiently with any queries or issues I had concerning this milestone to this date.
- Finally i'd like to acknowledge many of the platforms that helped me finish this project in this timely manner.